

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Munetsugu UHEYAMA, et al.  
Title: SUPERCONDUCTING WIRE, SUPERCONDUCTING  
MULTIFILAMENTARY WIRE USING THE  
SUPERCONDUCTING WIRE, AND METHOD OF  
MANUFACTURING THE SAME  
Appl. No.: 10/553,171  
International Filing Date: 10/27/2004  
371(c) Date: 10/17/2005  
Examiner: PATEL, ISWARBHAI B  
Art Unit: 2841  
Confirmation No.: 1079

**AMENDMENT AND REPLY UNDER 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated January 6, 2010, concerning the above-referenced patent application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 5 of this document.

Please amend the application as follows: